

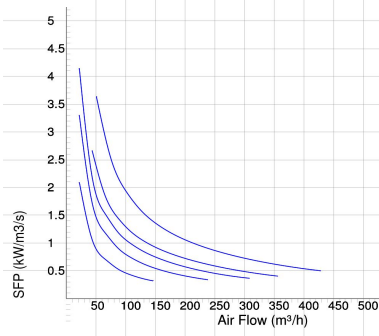
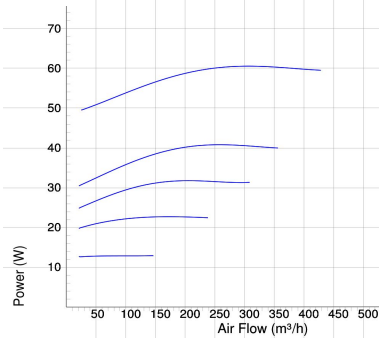
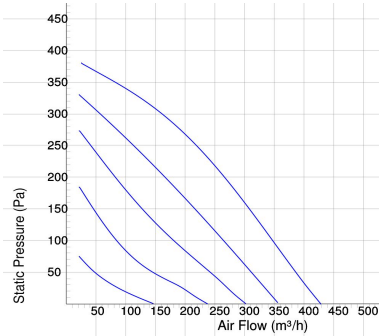
# LPKB 160 B1 50/(60)Hz

## LPKB

- Low profile duct fan with circular connection.
- A small and useful duct fan which are perfect for spaces with minimum height clearance.
- With one connection on the inlet side.
- High capacity and efficiency with low sound levels.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- For speed control a transformer or electronic speed controller can be connected.
- Fan housing is manufactured from galvanized sheet steel.
- Duct connections are equipped with rubber seals.
- The fan is intended to be installed in a duct system.
- When duct connected the fan can be installed outside or in damp environments.
- The mounting brackets simplify installation in any position.

## Accessories

- VRDE 1,5
- VRTE C
- VRS 0.5
- MK 160
- BSV 160
- RSK 160
- VK 160
- LDC 160



## Voltage steps

1	2	3	4	5
80V	110V	135V	165V	230V

## TECHNICAL DATA

	7540251 LPKB 160 B1 aut tp	7540255 LPKB 160 B1 man tp
Voltage	230 V	230 V
Phase	1 ~	1 ~
Frequency	50 Hz	50 Hz
Optional frequency	60 Hz	60 Hz
Power	61 W	61 W
Current	0.26 A	0.26 A
Speed	2540 r.p.m.	2540 r.p.m.
Max. temperature of transported air	80 °C	80 °C
Max. temperature of transported air when speed controlled	80 °C	80 °C
Sound pressure level at 3 m	46 dB(A)	46 dB(A)
Weight	6.8 kg	6.8 kg
Enclosure class	44 IP	44 IP
Insulation class, motor	F	F
Capacitor	2 µF	2 µF
Duct connection	160 mm	160 mm
Max. flow	428 m³/h	428 m³/h
Max. pressure	393 Pa	393 Pa
Voltage range	220-240 V	220-240 V

## SOUND DATA

	Flow (m³/h)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 230V	299	53	32	40	48	50	42	39	34	31
5. Outlet Lw dB(A) 230V	299	70	56	60	65	66	60	56	55	47
5. Inlet Lw dB(A) 230V	299	68	51	60	65	63	57	51	52	45
4. Inlet Lw dB(A) 165V	248	65	47	54	62	59	53	46	45	39
3. Inlet Lw dB(A) 135V	209	59	44	50	56	54	47	40	38	30
2. Inlet Lw dB(A) 110V	151	52	38	46	48	48	41	32	28	19
1. Inlet Lw dB(A) 80V	101	44	31	39	41	37	28	16	9	10

## DIMENSIONS

